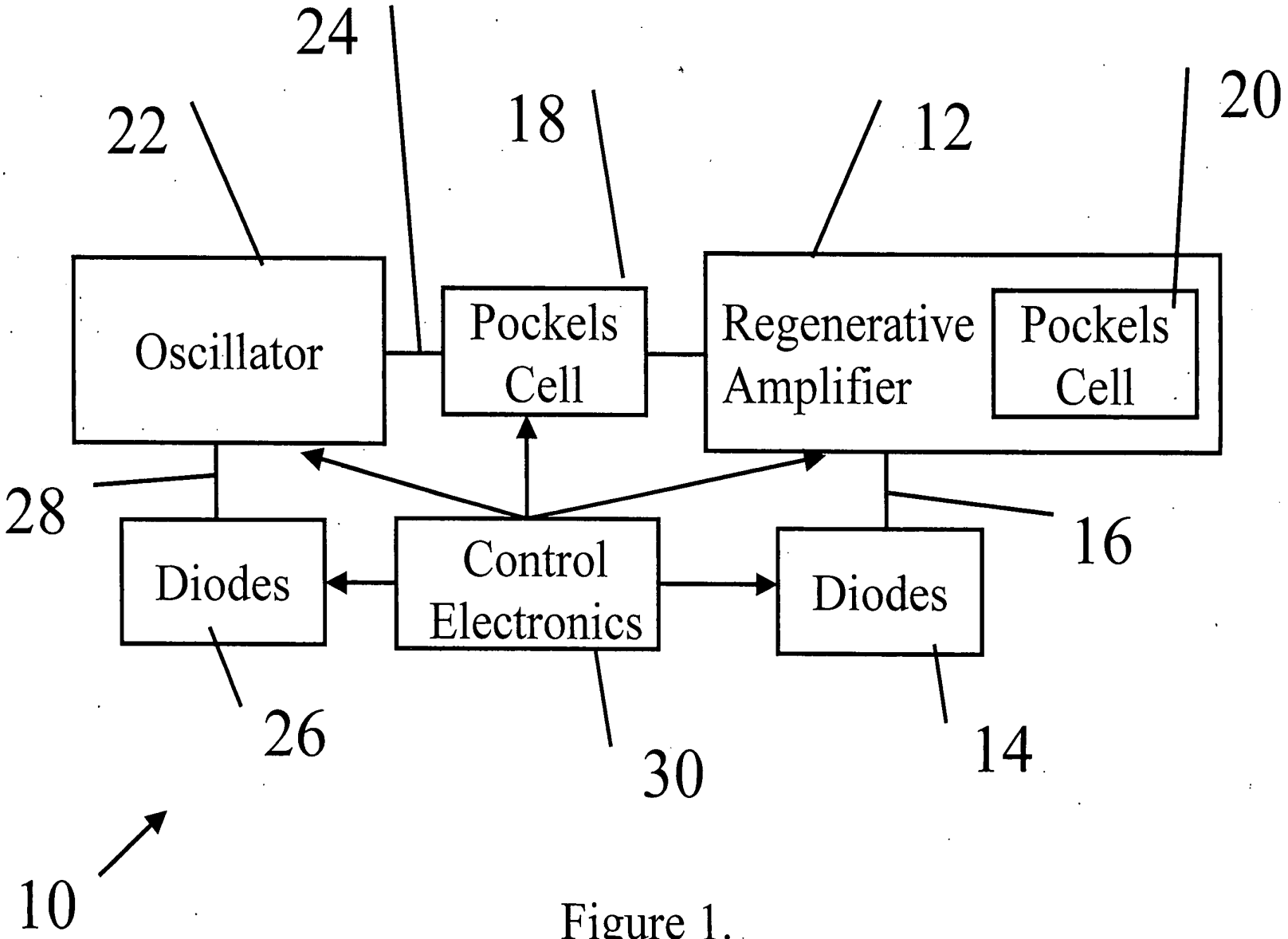
24
22
18
12
20
Oscillator
Pockels Cell
Regenerative Amplifier
Pockels Cell
28
16
Diodes
Control Electronics
Diodes
26
30
14
10

Figure 1.

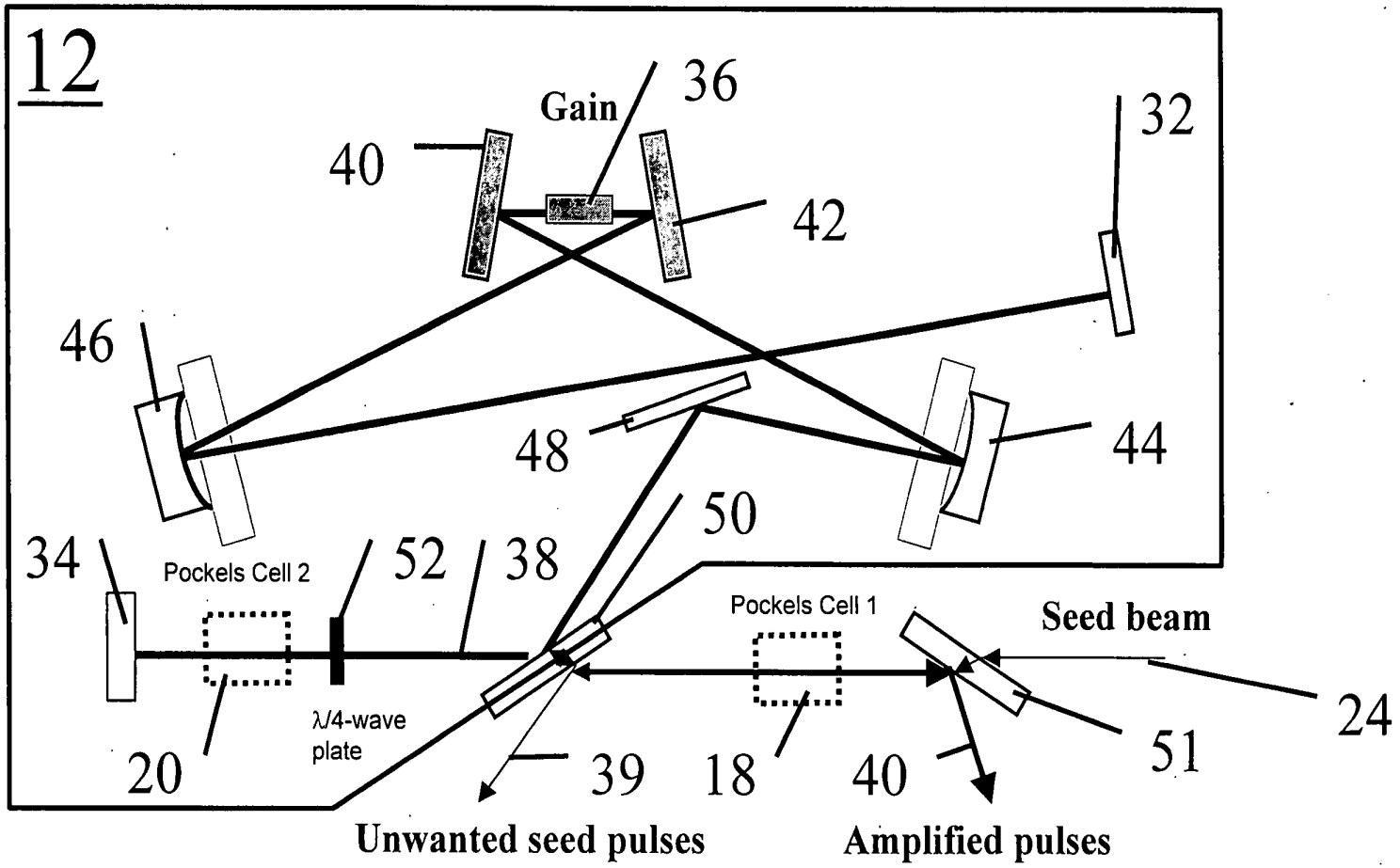
12
Gain
36
40
42
32
46
48
44
50
34
Pockels Cell 2
52
38
Pockels Cell 1
Seed beam
24
λ/4-wave
plate
51
20
39
18
40
Unwanted seed pulses
Amplified pulses
10

Figure 2.

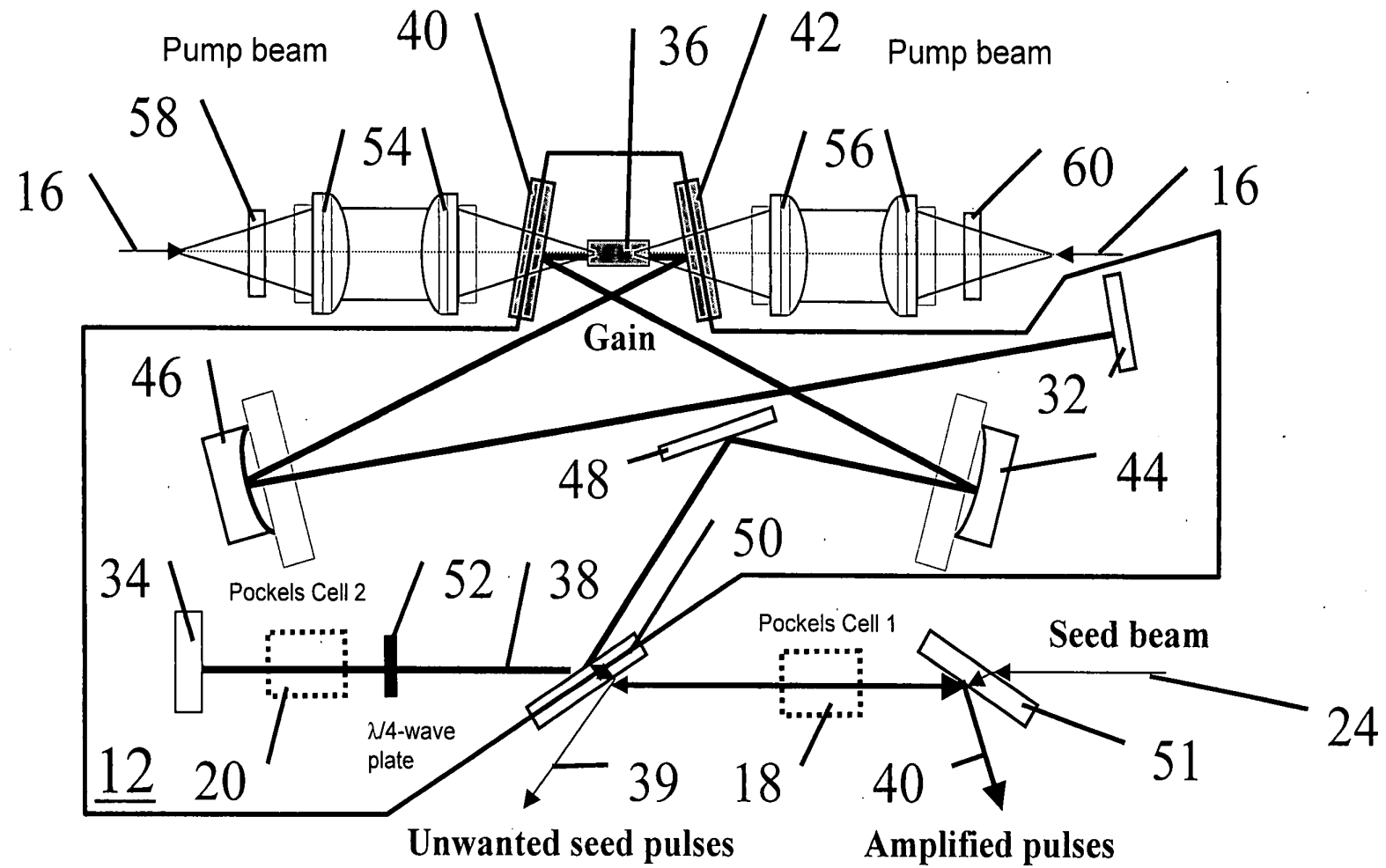
Pump beam
40
36
42
Pump beam
58
54
56
60
16
16
Gain
46
32
48
44
50
34
Pockels Cell 2
52
38
Pockels Cell 1
Seed beam
24
λ/4-wave
plate
12
20
39
18
40
51
Unwanted seed pulses
Amplified pulses
10

Figure 3.

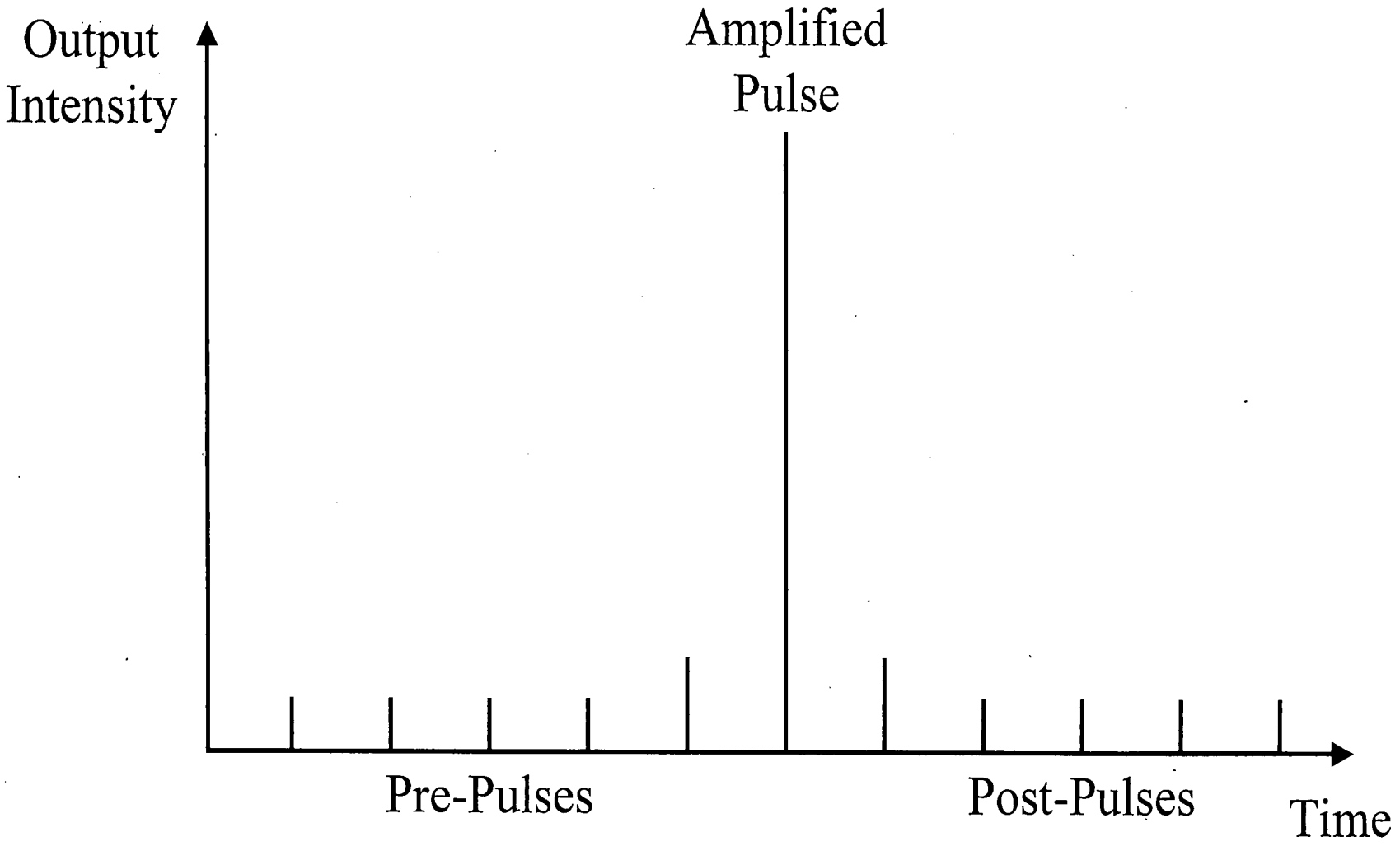
Output
Intensity
Amplified
Pulse
Pre-Pulses
Post-Pulses
Time

Figure 4.

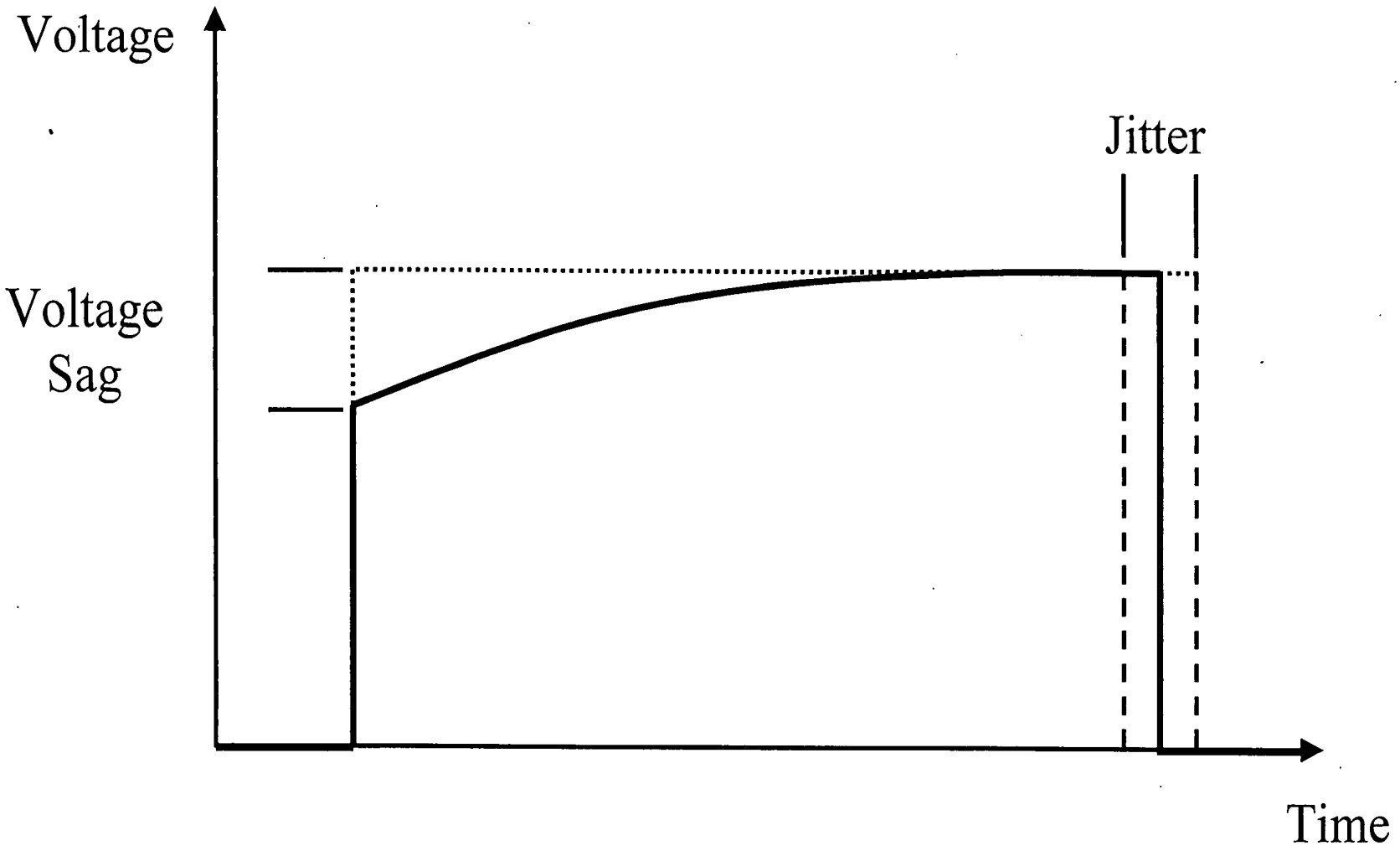

Figure 5.